

 ICM INSAN CENDEKIA MADANI	Chapter 10: Volcanoes, Earthquakes	Name :			
		Grade :			
		Subject : Science			
		Date :			
Sequence of Teaching		Marks	Score	Teacher Signature	Parent Signature
✓ Independent Practice □ Assessment		19			

1. What is the Earth's crust is made up of? Circle the correct answer.

mantle

tectonic plates

volcanoes

[1]

2. Read the sentences about volcanoes below.

Which of the sentences are correct?

Tick (✓) the correct box beside each sentence.

A volcano is an opening on the surface of the Earth.

True

☐

False

☐

All volcanoes are of the same size and shape.

☐
☐

Lava is hot liquid rock that comes out of a volcano.

☐
☐

[3]

3. Complete the sentence. **Choose** from the following words.

eruption

movement

slow

sudden

violent

An earthquake is the _____ and _____ shaking of the ground.

This is caused by the _____ of the tectonic plates.

[3]

4. Kim is researching how a volcanic eruption occurs.

What happens to magma during a volcanic eruption?

.....

[1]

5. An earthquake occurs when the tectonic plates move.

What are the different ways that the tectonic plates can move?

.....

.....

.....

[3]

6. Volcanoes are found at breaks in the Earth's crust.

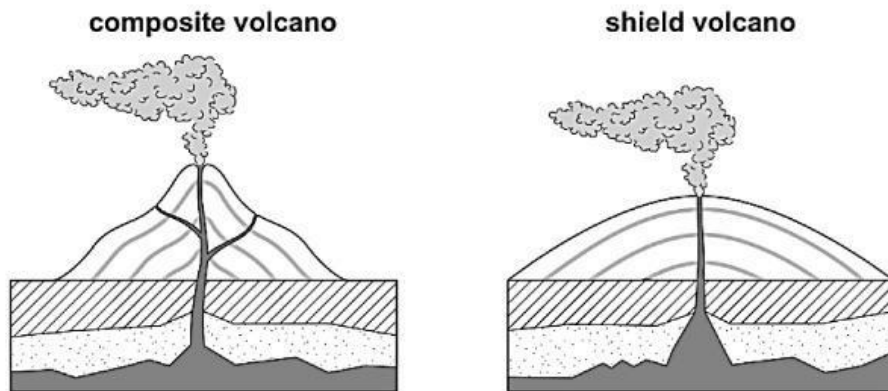
What word describes the sudden movement of the Earth's crust?

.....

[1]

7. Composite and shield are two main types of volcano.

Oliver draws models to show the features of these volcanoes.



- (a) Draw the letter E on the shield volcano to show where the lava erupts.

[1]

- (b) Describe where volcanoes are found.

.....

.....

[1]

- (c) Write down **one thing** that is the same in both types of volcano.

.....

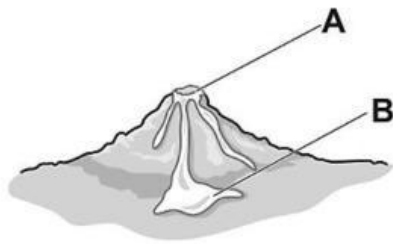
[1]

- (d) Write down **one way** the **composite volcano** is different from the **shield volcano**.

.....

[1]

When Lily adds the vinegar to the baking soda, the **mixture bubbles out of the bottle** and flows down the sides of the model volcano.



(a) What does **A** in the model volcano represent in a real volcano?

Circle the correct answer.

ash crater crust gas mantle

[1]

(b) What does **B** in the model volcano represent in a real volcano?

Circle the correct answer.

Lava magma rock vent water

[1]

(c) Lily says,

‘A chemical reaction has happened.’

Explain why Lily is correct.

.....

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[1]

Teacher Feedback	Parent Comment